



United States Department of Agriculture

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

DECEMBER, 1928

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for references.]

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CHANGES IN DIRECTORY

Meat Inspection Granted

- 173-A. Hammond Standish & Co., M. C. R. R. and LaGrange Street, Toledo, Ohio.
 *E-91. Holland-American Packing Co., Box 552, Great Falls, Mont.

Meat Inspection Withdrawn

906. Millers (Inc.), Trenton, N. J.

Meat Inspection Extended

- *3. Swift & Co., Union Stock Yards, Chicago, Ill., to include the Newton Packing Co. and the Underwood Packing Co.
 4. United Sausage Co., Boston, Mass., to include B. Meier & Son, Keane-Loffler Co., Adolf Gobel (Inc.), George Kern (Inc.), and Merkel (Inc.).

Change in Name of Official Establishment

247. Greenwald (Inc.), Union Stock Yards, Baltimore, Md., instead of The Greenwald Packing Corp.

* Conducts slaughtering.

Change in Name of Subsidiary

420. Hygrade Food Products Corp., Brooklyn, N. Y.: The name Chris. Grozinger Co. (Inc.), is changed to Chris. Grozinger Corp. of New York.
973. Hygrade Food Products Corp., Brooklyn, N. Y.: The name Chris. Grozinger Co. (Inc.), is changed to Chris. Grozinger Corp. of New York.
- 973-B. Hygrade Food Products Corp., New York, N. Y.: The name Chris. Grozinger Co. (Inc.), is changed to Chris. Grozinger Corp. of New York.

Change of Official in Charge

- Dr. Jens Madsen succeeds Dr. J. E. Cloud (retired) as inspector in charge at San Diego, Calif.
- Dr. E. F. Cary succeeds Dr. Jens Madsen as inspector in charge at Oklahoma City, Okla.
- Dr. C. P. Hart succeeds Dr. E. F. Cary as inspector in charge at Nashville, Tenn.
- Dr. John L. Burgett succeeds Dr. C. P. Hart as inspector in charge at Morristown, Tenn.
- Dr. C. O. Benson, Ogdensburg, N. Y., will temporarily cover the work at Watertown, N. Y., formerly under the charge of Dr. A. L. Danforth (resigned).

New Stations

- Toledo, Ohio, meat inspection, Edward Smith, in charge, care Hammond Standish & Co., M. C. R. R. and LaGrange Street.
- Great Falls, Mont., meat inspection, Dr. P. A. Franzmann, in charge, care Holland-American Packing Co., Box 552.

NOTICES REGARDING MEAT INSPECTION**ANIMAL CASINGS FOR CANADA**

Referring to Service and Regulatory Announcements of August, 1928, entitled "Finished Animal Casings for Canada," the bureau is in receipt of official advice to the effect that the Canadian authorities are experiencing difficulty in identifying animal casings from the United States with the certificate on account of the absence of marks on the containers. Accordingly, exporters are requested to mark the containers of each consignment of animal casings for Canada with the name of the product such as "Green hog casings," "Finished beef bungs," etc., and a shipping mark in diamond form inclosing the initial or initials of the exporter.

Inspectors are directed to see that the containers of animal casings for Canada are marked as indicated above, and that the shipping mark and the name of the product are shown on the corresponding official certificate.

CERTIFICATE FOR ANIMAL CASINGS DESTINED TO AUSTRALIA

The Government of Australia requires that animal casings imported into that country shall be accompanied by an official certificate similar to the revised certificate for animal casings for Austria. Therefore casings intended for export to Australia should be handled and certified as indicated in Service and Regulatory Announcements of November, 1926.

MINERAL OIL USED AS A DENATURANT

Hereafter, mineral oil used as a denaturant must have a specific gravity not lower than 0.835 at 60° F. (15.5° C.), a flash point (open cup) not lower than 250° (121° C.), and a boiling point not lower than 465° (241° C.); it must be easily recognizable by taste when present in fat in the proportion of 1 part of oil to 1,000 parts of fat, and must be used in the proportion of not less than 1 part to each 100 parts of grease.

When condemned or inedible product is rendered in a steam tank or in dry-rendering apparatus which is operated under pressure of steam generated from the moisture in the charge, there shall be added to the contents of the tank or dry

rendered before closing and sealing a quantity of approved mineral oil sufficient to make not less than 1 part in each 100 parts of the yield of grease.

When condemned or inedible product is rendered in dry-rendering apparatus operated at atmospheric pressure or under vacuum a quantity of approved mineral oil sufficient to make not less than 1 part in each 100 parts of grease shall be added to and thoroughly mixed with the rendered grease while melted. The grease shall be held under supervision until denaturing has been completed.

Rendered fat condemned on reinspection may be denatured by melting and mixing with a quantity of approved mineral oil sufficient to make not less than 1 part in each 100 parts of the condemned fat.

A 4-ounce sample shall be collected from each delivery of mineral denaturing oil to official establishments and submitted to the district meat-inspection laboratory to determine conformity with the requirements. Inspectors will not permit the use of any denaturing oil until approved by the laboratory.

Mineral oil, now on hand at official establishments, which already has been approved under the former requirements, may be utilized as a denaturant but must be used in the proportion of not less than 1 part to each 100 parts of grease.

This notice supersedes previous instructions in Service and Regulatory Announcements, January, 1915, page 2, Mineral Oil for Denaturing.

ANIMALS SLAUGHTERED IN NOVEMBER, 1928, UNDER FEDERAL INSPECTION IN DISTRICTS REPRESENTED BY THE CITIES IN THE FOLLOWING TABLE

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore.....	6,719	692	2,140	-----	88,894
Buffalo.....	8,715	2,310	7,176	-----	91,061
Chicago.....	167,479	48,820	222,309	754	641,186
Cincinnati.....	12,705	5,387	5,974	15	94,909
Cleveland.....	8,188	5,023	14,347	-----	99,045
Denver.....	11,441	1,943	17,499	-----	24,024
Detroit.....	6,986	6,249	29,183	-----	110,852
Fort Worth.....	35,673	41,649	12,274	109	28,247
Indianapolis.....	15,844	3,591	4,319	-----	121,434
Kansas City.....	73,206	16,197	75,516	2,099	216,386
Milwaukee.....	17,874	38,586	9,238	1	171,401
National Stock Yards.....	33,418	7,175	18,257	133	125,206
New York.....	34,908	50,355	228,276	92	140,039
Omaha.....	62,137	5,941	119,961	62	115,008
Philadelphia.....	5,452	6,344	16,513	-----	91,800
St. Louis.....	13,472	4,187	4,971	12	164,689
Sioux City.....	25,704	2,355	63,312	-----	78,997
South St. Joseph.....	30,428	5,610	67,234	-----	114,218
South St. Paul.....	49,734	56,638	114,485	8	294,445
Wichita.....	6,019	2,038	3,137	1	51,326
All other establishments.....	135,943	66,879	153,295	645	1,592,106
Total: November, 1928.....	762,045	377,969	1,189,416	3,931	4,455,273
November, 1927.....	881,483	409,765	1,071,361	1,708	3,688,439
11 months ended Nov., 1928.....	7,800,429	4,339,223	12,435,450	17,268	44,013,372
11 months ended Nov., 1927.....	8,758,961	4,499,421	11,789,075	21,520	38,764,852

Horses slaughtered at all establishments November, 1928, 12,485.

Inspections of lard at all establishments, 149,876,289 inspection pounds; compound and other substitutes, 43,362,967 inspection pounds; sausage, 67,122,333 inspection pounds.

Corresponding inspections for November, 1927: Lard, 122,753,448 inspection pounds; compound and other substitutes, 34,152,553 inspection pounds; sausage, 67,664,353 inspection pounds.

(These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

EXTENT OF TUBERCULOSIS IN ANIMALS SLAUGHTERED AT THREE IMPORTANT MARKETS, NOVEMBER, 1928

Station	Total slaughter	Retained for tuberculosis		
		Total	Passed for cooking	Condemned
Cattle:				
Chicago.....	167,479	5,573	184	1,012
Kansas City.....	73,206	213	8	57
Omaha.....	62,137	520	20	68
Swine:				
Chicago.....	641,186	70,730	912	854
Kansas City.....	216,386	8,626	101	53
Omaha.....	115,008	10,184	153	100

CAUSES OF CONDEMNATION OF CARCASSES, OCTOBER, 1928

Cause	Cattle	Calves	Sheep	Swine
Emaciation.....	863	119	1,493	72
Hog cholera.....				4,032
Inflammatory diseases.....	1,272	180	1,208	2,222
Immaturity.....		224		
Tuberculosis.....	3,488	44		3,811
All other causes.....	1,526	226	1,032	2,588
Total.....	7,149	793	3,733	12,725

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during November, 1928, with figures for other periods for comparison.

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico.....	34,758	10	3,728	
Canada.....	17,951	92	766	32
Channel Islands.....	79			
Virgin Islands (to Porto Rico).....	35			
Total: November, 1928.....	52,823	102	4,494	32
November, 1927.....	85,369	11,784	4,189	1
11 months ended November, 1928.....	458,553	19,994	33,618	330
11 months ended November, 1927.....	408,599	184,814	33,123	187

NOTE.—Owing to delayed report from Cape Vincent, N. Y., the following importation should be added to the record for October, appearing on page 97 of Service and Regulatory Announcements for November, 1928:

Country of export	Cattle
Canada.....	15

Imports of meats and meat food products

Country of export	Fresh and refrigerated		Cured and canned	Other meat products	Total weight
	Beef	Other			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....			1,929,056	121,349	2,050,405
Australia.....	53,458	34,343		70,621	158,422
Brazil.....			465,048	40,320	505,368
Canada.....	3,255,368	844,829	2,104,743	404,910	6,609,850
New Zealand.....	4,345,412	1,543	205,992	15,171	4,568,118
Paraguay.....			430,283		430,283
Uruguay.....			1,708,577	111,610	1,820,187
Other countries.....			59,853	144,094	203,947
Total: November, 1928.....	7,654,238	880,715	6,903,552	908,075	16,346,580
November, 1927.....	5,694,729	1,399,054	4,592,085	1,420,094	13,105,962
11 months ended November, 1928.....	44,807,781	16,543,610	71,019,772	10,720,522	143,091,685
11 months ended November, 1927.....	27,956,425	23,172,171	51,210,121	6,503,667	108,842,384

Condemned in November, 1928: Beef, 1,779 pounds; pork, 256 pounds; total, 2,035 pounds.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, NOVEMBER, 1928

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle re-acted	Once-tested free herds	Accredited herds	Herds under supervision		
Ala.....	426	3,390	7	5,376	274	8,054	R. E. Jackson.....	C. A. Cary, Auburn.
Ariz.....	333	4,867	30	8,173	45	8,249	F. L. Schneider.....	E. L. Stam, Phoenix.
Ark.....	1,224	5,292	12	2,891	15	4,925	H. L. Fry.....	J. H. Bux, Little Rock.
Calif.....	135	11,965	72	5,721	103	6,248	R. Snyder.....	J. P. Iverson, Sacramento.
Colo.....	13	543	2	3,115	168	3,692	W. E. Howe.....	C. G. Lamb, Denver.
Conn.....	300	5,128	99	4,335	1,675	6,984	R. L. Smith.....	J. M. Whittlesey, Hartford.
Del.....	224	2,789	61	3,126	1,954	5,892	W. G. Middleton.....	O. A. Newton, Bridgeville.
D. C.....	-----	-----	-----	99	8	99	A. E. Wight.....	J. V. Knapp, Tallahassee.
Fla.....	176	4,109	4	7,697	182	8,526	J. G. Fish.....	J. M. Sutton, Atlanta.
Ga.....	1,031	6,779	29	14,390	35	14,439	A. L. Hirleman.....	A. J. Dickman, Boise.
Idaho.....	193	7,417	2	31,982	63	35,277	W. A. Sullivan.....	D. W. Robinson, Springfield.
Ill.....	10,491	93,064	1,075	134,717	5,273	150,435	J. J. Lintner.....	Frank H. Brown, Indianapolis.
Ind.....	6,693	48,059	196	115,536	36,976	159,734	J. E. Gibson.....	M. G. Thornburg, Des Moines.
Iowa.....	3,475	59,122	652	96,264	4,629	158,915	J. A. Barger.....	J. H. Mercer, Topeka.
Kans.....	2,351	26,274	111	72,889	762	73,801	N. L. Townsend.....	D. E. Westmorland, Frankfort.
Ky.....	1,226	6,725	43	71,084	58	71,460	W. F. Biles.....	E. P. Flower, Baton Rouge.
La.....	57	1,765	20	7,367	17	7,694	G. T. Cole.....	R. M. Tucker, Augusta.
Me.....	1,287	9,029	25	35,864	3,210	41,052	G. R. Caldwell.....	James B. George, Baltimore.
Md.....	1,914	19,036	974	11,545	6,066	24,111	E. B. Simonds.....	E. F. Richardson, Boston.
Mass.....	660	4,559	135	1,470	1,126	3,034	E. A. Crossman.....	B. J. Killham, Lansing.
Mich.....	6,071	57,085	434	162,294	71	165,297	T. S. Rich.....	C. E. Cotton, St. Paul.
Minn.....	6,047	117,185	1,911	72,424	8,695	86,210	W. J. Fretz.....	R. V. Rafnel, Jackson.
Miss.....	595	2,105	47	13,135	27	13,179	H. Robbins.....	H. A. Wilson, Jefferson City.
Mo.....	594	10,762	17	67,199	222	70,800	Ralph Graham.....	W. J. Butler, Helena.
Mont.....	270	9,532	28	30,687	94	31,210	J. W. Murdock.....	C. H. Hays, Lincoln.
Nebr.....	2,039	28,785	155	66,327	107	66,868	A. H. Francis.....	Edward Records, Reno.
Nev.....	39	1,817	23	1,111	11	1,425	L. C. Butterfield.....	A. L. Felker, Concord.
N. H.....	568	7,656	167	2,097	3,308	5,738	E. A. Crossman.....	J. H. McNeil, Trenton.
N. J.....	455	3,724	212	3,424	2,375	8,526	W. G. Middleton.....	Mat. Keenan, Albuquerque.
N. Mex.....	54	1,397	1	1,745	22	1,824	F. L. Schneider.....	E. T. Faulder, Albany.
N. Y.....	6,789	90,384	4,282	39,015	62,098	115,410	H. B. Leonard.....	Wm. Moore, Raleigh.
N. C.....	183	1,613	9	256,530	391	257,311	W. C. Dendinger.....	W. F. Crewe, Bismarck.
N. Dak.....	1,919	31,387	260	45,565	5,023	56,199	H. H. Cohenour.....	F. A. Zimmer, Columbus.
Ohio.....	3,677	28,189	669	153,146	636	164,825	A. J. De Fosset.....	C. C. Hise, Oklahomá City.
Okla.....	19	663	5	124	281	423	L. J. Allen.....	W. H. Lytle, Salem.
Oreg.....	1,431	10,843	64	49,866	463	50,352	S. B. Foster.....	T. E. Munce, Harrisburg.
Pa.....	8,221	75,867	1,647	101,008	4,948	120,920	J. B. Reidy.....	T. E. Robinson, Providence.
R. I.....	36	671	33	176	76	380	E. A. Crossman.....	W. K. Lewis, Columbia.
S. C.....	1,179	4,566	4	51,424	114	51,602	W. K. Lewis.....	M. W. Ray, Pierre.
S. Dak.....	1,794	32,191	226	8,616	1,305	10,198	J. O. Wilson.....	W. B. Lincoln, Nashville.
Tenn.....	1,525	9,450	18	57,032	249	57,415	H. M. O'Rear.....	N. F. Williams, Fort Worth.
Tex.....	105	3,443	9	127	233	458	H. L. Darby.....	W. H. Hendricks, Salt Lake City.
Utah.....	2,044	7,565	63	10,724	97	11,548	F. E. Murray.....	Edward H. Jones, Montpelier.
Vt.....	946	20,010	515	4,799	6,139	14,260	L. H. Adams.....	H. C. Givens, Richmond.
Va.....	2,093	13,299	197	20,642	1,233	22,143	R. E. Brookbank.....	Robert Prior, Olympia.
Wash.....	1,200	11,900	312	39,268	79	42,392	J. C. Exline.....	John W. Smith, Charleston.
W. Va.....	1,517	5,822	18	41,513	1,174	43,317	H. M. Newton.....	Walter A. Duffy, Madison.
Wis.....	8,914	162,460	2,765	140,137	10,014	154,325	J. S. Healy.....	H. D. Fort, Cheyenne.
Wyo.....	-----	-----	-----	9,821	4	11,172	John T. Dallas.....	L. E. Case.
Total.....	92,533	1,070,283	17,640	2,088,617	172,128	2,428,348	L. E. Case.....	

PERMITTED DISINFECTANTS

In accordance with the provisions of B. A. I. Order 309, governing the interstate movement of livestock, the bureau has granted permission for the use of the following saponified cresol solutions, in the general disinfection of cars, yards, and other premises:

To the Dixie Chemical Co. (Inc.), 623 Commerce Street, New Orleans, La., for the use of "Dixsol."

To The Heinrich Chemical Co., Minneapolis, Minn., for the distribution use of "Crestall Dip," under the name of "Heinrich's Crestall Solution." "Heinrich's Crestall Solution" is identical with "Crestall Dip" manufactured by Baird & McGuire (Inc.), Holbrook, Mass.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER LICENSES

	Total serum	Clear serum completed	Hyperimmune blood cleared	Simultaneous virus	Hyperimmunizing virus
	<i>C. c.</i>	<i>C. c.</i>	<i>C. c.</i>	<i>C. c.</i>	<i>C. c.</i>
November, 1928.....	82,533,367	62,710,567	69,311,755	3,144,102	14,845,866
November, 1927.....	91,290,783	46,654,386	50,526,657	3,396,728	12,812,875
11 months ended November, 1928.....	824,446,498	575,999,949	664,875,260	59,162,801	177,806,507
11 months ended November, 1927.....	1,321,017,598	618,584,139	699,569,837	57,942,013	275,149,564

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS IN NOVEMBER, 1928

License No. 52 was issued November 6, 1928, to The Cutter Laboratory, Fourth and Parker Streets, Berkeley, Calif., for antimastitis serum (bovine) and antinavel-ill serum (equine).

License No. 191 was issued November 20, 1928, to Ashe Lockhart (Inc.), 800-804 Woodswether Road, Kansas City, Mo., for autogenous bacterin.

SUMMARY OF HOG-CHOLERA-CONTROL WORK, NOVEMBER, 1928

State	Bureau veterinarians engaged in work ¹	Premises investigated	Demonstrations		Autopsies performed	Farms quarantined or carded	Farms cleaned and disinfected	Outbreaks reported to bureau veterinarians
			Number	Hogs treated				
Alabama.....	1	210	2	8	7	-----	-----	-----
Arkansas.....	1.25	72	4	43	6	-----	5	149
Colorado.....	.25	5	-----	-----	5	-----	-----	1
Florida.....	1.5	55	30	529	10	-----	-----	46
Georgia.....	1.33	63	13	261	11	-----	-----	19
Idaho.....	1	73	5	87	5	4	-----	4
Illinois.....	3	179	4	90	77	41	53	157
Indiana.....	2	46	-----	-----	7	2	-----	23
Iowa.....	2	77	1	62	21	-----	-----	79
Kansas.....	.85	106	-----	-----	8	-----	-----	2
Kentucky.....	2	294	19	995	35	-----	-----	27
Louisiana.....	1	33	5	162	3	-----	-----	3
Maryland.....	2	327	-----	-----	31	118	-----	130
Michigan.....	2	69	5	164	23	-----	-----	59
Mississippi.....	1.03	153	13	235	2	-----	-----	1
Missouri.....	1	68	3	39	12	-----	-----	32
Montana.....	.5	24	-----	-----	9	5	2	7
Nebraska.....	.5	21	-----	-----	11	-----	-----	2
North Carolina.....	1	204	163	1,281	40	95	-----	31
Ohio.....	1	10	1	20	7	-----	-----	18
Oklahoma.....	2	131	3	168	13	6	-----	12
South Carolina.....	1	49	46	918	5	-----	-----	6
South Dakota.....	1	19	-----	-----	8	-----	-----	1
Tennessee.....	1	129	-----	-----	6	13	-----	13
Texas.....	1	66	-----	-----	1	-----	-----	28
Virginia.....	1	39	-----	-----	9	-----	-----	25
Washington.....	1.5	96	-----	-----	6	3	-----	10
Oregon.....			-----	-----	-----	-----	-----	-----
West Virginia.....	1	17	-----	-----	1	-----	-----	4
Wisconsin.....	1	94	26	501	15	12	-----	13
Total.....	36.71	2,729	343	5,563	394	299	60	902

¹ Fractions denote veterinarians devoting part time to hog-cholera work.

RESULTS OF TICK-ERADICATION WORK, JULY 1, 1906, TO DECEMBER 1, 1928

State	Counties quarantined		Counties released to Dec. 1, 1928	Released counties tick free on Nov. 1—							
	July 1, 1906	Dec. 1, 1928		1922	1923	1924	1925	1926	1927	1928	
Alabama.....	67	1	66	15	26	41	49	49	57	59	
Arkansas.....	75	20	55	16	21	34	31	41	44	45	
California.....	15	0	15	15	15	15	15	15	15	15	
Florida.....	67	41	26	3	3	1	7	12	14	22	
Georgia.....	158	0	158	101	119	138	149	151	153	154	
Kentucky.....	2	0	2	2	2	2	2	2	2	2	
Louisiana.....	64	41	23	3	3	4	4	11	4	8	
Mississippi.....	82	23	59	37	47	54	47	47	46	45	
Missouri.....	4	0	4	4	4	4	4	4	4	4	
North Carolina.....	73	0	73	40	46	53	65	73	71	73	
Oklahoma.....	61	0	61	35	47	49	52	55	54	54	
South Carolina.....	46	0	46	29	35	36	40	40	44	46	
Tennessee.....	42	0	42	41	41	42	42	42	42	42	
Texas.....	198	72	126	44	49	56	69	72	77	79	
Virginia.....	31	0	31	(1)	(1)	(1)	25	27	26	29	
Totals.....	985	198	787	385	458	529	601	641	653	677	

¹ Inactive November 1, 1922, to November 1, 1924.

Areas released from Federal quarantine Dec. 1, 1928: Alabama, 3 counties; Arkansas, 1 county and the remainder of 1 county; Florida, 8 counties; Louisiana, 2 parishes and part of 1 parish; Oklahoma, 1 county and the remainders of 3 counties; Texas, 8 counties. No areas requarantined Dec. 1, 1928. Twenty-four additional released counties tick free on Nov. 1, 1928.

INSTRUCTIONS CONCERNING APPROPRIATIONS AND PROJECTS

The attention of inspectors in charge and employees charged with the duty of preparing pay rolls and other vouchers is invited to the fact that frequently claims are transmitted to the bureau for payment, quoting a particular appropriation and an entirely different project symbol. This is not only confusing but very often causes an item of expense to be charged to the wrong appropriation. These errors occur on all classes of vouchers but more often in connection with pay rolls. In preparing the form, T-52, to accompany a pay roll, care should be taken to see that the entry in the "Project" column agrees with the entry in the "Appropriation" column. Several cases have occurred recently in connection with stockyards work in which a tuberculosis project symbol was quoted but it was indicated that the item should be paid from the inspection and quarantine appropriation; also, an inspection and quarantine project symbol was quoted but it was indicated in the appropriation column that payment should be made from the packers and stockyards appropriation.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Fines and penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Livestock-Quarantine Law

Louisville & Nashville Railroad Co., interstate transportation of cattle without tuberculin test, \$100 fine.

San Antonio, Uvalde & Gulf Railroad (2 cases), failure to mark waybills "Southern cattle," \$200 fines.

Twenty-Eight-Hour Law

Baltimore & Ohio Railroad, \$100 penalty.

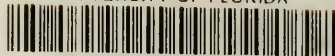
Chicago, Rock Island & Pacific Railroad Co., \$100 penalty.

Long Island Railroad Co., \$100 penalty.

New York Central Railroad Co., \$100 penalty.

Pennsylvania Railroad Co., \$100 penalty.

Texas & New Orleans Railroad Co., \$100 penalty.



NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Technical Bulletin No. 93. Four Species of Range Plants not Poisonous to Livestock. By C. Dwight Marsh, A. B. Clawson, and G. C. Roe, Pathological Division. Pp. 10.

Farmers' Bulletin No. 578. The Making and Feeding of Silage (revised). By two employees of the Bureau of Dairying and E. W. Sheets, Animal Husbandry Division. Pp. 26, figs. 11.

Farmers' Bulletin No. 1330 (slightly revised). Parasites and Parasitic Diseases of Sheep. By Maurice C. Hall, Zoological Division. Pp. 36, figs. 34.

Farmers' Bulletin No. 1391 (revised). The Guinea Fowl. By Alfred R. Lee, Animal Husbandry Division. Pp. 13, figs. 6.

Farmers' Bulletin No. 1524 (slightly revised). Farm Poultry Raising. By M. A. Jull, Animal Husbandry Division. Pp. 28, figs. 21.

Farmers' Bulletin No. 1554 (slightly revised). Poultry Houses and Fixtures. By M. A. Jull and A. R. Lee, Animal Husbandry Division. Pp. 30, figs. 29.

Farmers' Bulletin No. 1589. The Husker-Shredder on Eastern Corn Belt Farms. By employees of the Bureau of Agricultural Economics and Bureau of Public Roads and E. W. McComas, Animal Husbandry Division. Pp. 21, figs. 10.

Instructions Concerning Work Under Regulations Governing Interstate Movement of Livestock. By John R. Mohler, Chief, Bureau of Animal Industry. Pp. 36.

Amendment 7 to B. A. I. Order 310, declaring the following-named counties to be modified accredited areas for a period of three years from December 1, 1928: Nez Perce, Idaho; Laporte and Washington, Ind.; Cumberland, Me.; Iosco and Midland, Mich.; Carver, Minn.; Griggs, N. Dak.; Warren, Pa.; Abbeville, S. C.; Gilmer and Ritchie, W. Va.; Burnett, Door, Marquette, St. Croix, and Waushara, Wis. The following-named counties have been reaccredited for a period of three years from the same date: Livingston and Ontonagon, Mich.; Murray, Minn.; Butler and Gage, Nebr.; Henderson, Randolph, Rutherford, Transylvania, and Yancey, N. C. P. 1 (mimeographed).

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